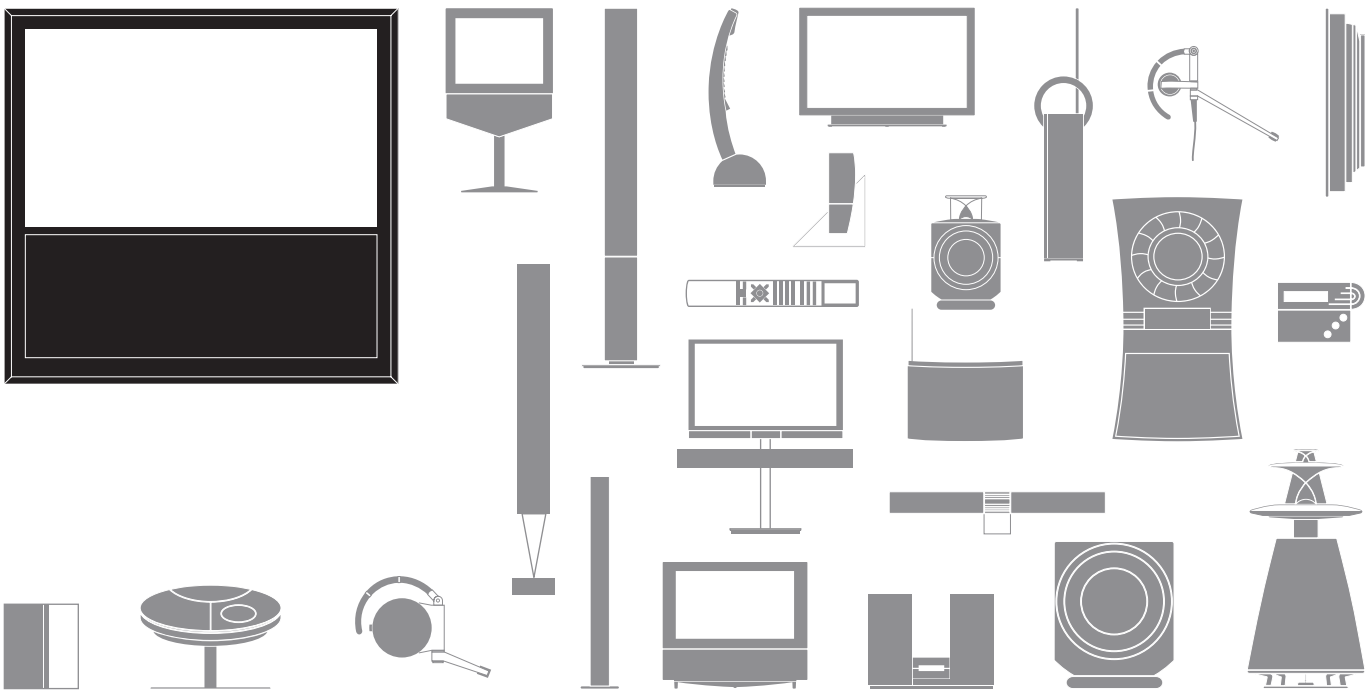
BeoVision 10

Guide



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Cautions

- Ensure that the television is positioned, set up and connected in accordance with the instructions in this Guide.
- Place your television on a firm, stable surface. To prevent injury, use Bang & Olufsen approved stands and wall brackets only!
- Do not place any items on top of your television.
- Do not subject the television to rain, high humidity or sources of heat.
- The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–35°C (50–95°F), and at an altitude of no more than 1,500 m (5,000 ft).
- Do not place the television in direct sunlight, as this may reduce the sensitivity of the remote control receiver.
- Leave enough space around the television for adequate ventilation.
- Connect all cables before connecting or reconnecting any of the products in your system to the mains.
- Do not attempt to open the television. Leave such operations to qualified service personnel.
- Do not strike the glass with hard or pointed items.
- The television can only be switched off completely by disconnecting it from the wall socket.
- The supplied mains cord and plug are specially designed for the television. If you change the plug or in any way damage the mains cord, it can affect the TV performance.

Dear Customer

This Guide contains information about the daily use of your Bang & Olufsen product and connected equipment. We expect your retailer to deliver, install and set up your product.

On *www.bang-olufsen.com* you can find further information and relevant FAQs about your product.

Your Bang & Olufsen retailer is your first stop for all your service queries.

To find your nearest retailer or contact Bang & Olufsen Customer Service, visit our website …

www.bang-olufsen.com

or write to:

Bang & Olufsen a/s
BeoCare
Peter Bangs Vej 15
DK–7600 Struer

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Technical specifications, features and the use thereof are subject to change without notice.

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How to use your remote control

You can operate your television with Beo4 or Beo5. The instructions in this Guide are mainly based on Beo4.

Beo4 operation

TV The Beo4 display shows you the activated source or function

TV Switch on the TV*[1]

V MEM Switch on a connected hard disc recorder

RECORD Press twice to start a recording

0 – 9 Select channels and enter information in on-screen menus

MENU Bring up the main menu of the active source

TEXT Switch on teletext

Search backwards or forwards or move in menus

GO Accept and store settings and start playback

Step through channels or move in menus
Hold for continuous step

Select colour specific functions

Adjust volume
To mute, press the middle of the button

LIST Display extra 'buttons' on the Beo4
Press repeatedly to change 'buttons'

STOP Back up through menus or press once to pause playback and twice to stop

EXIT Exit menus

Standby

Beo5 operation

TV Soft button, touch screen to select*[2]
Switch on a source or select a function

Back up through Beo5 displays

Bring up SCENE buttons, such as Zones or Speaker
Press again to return

Bring up digits to select channel or recording
Press again to return

STOP Back up through menus or press once to pause playback and twice to stop

PLAY Start playback

BACK Exit menus completely

Select colour specific functions*[3]
Press volume wheel next to the colour

Turn to adjust volume
To mute, turn quickly counter-clockwise

GO Press centre button to accept and store settings

Search backwards or forwards or move in menus

Search backwards or forwards or move in menus

Step through channels or recordings
Hold for continuous step

Standby

Useful hints

[1]* Marked buttons can be reconfigured during the setup process. See p. 35.

My reconfiguration:

TV _____

DTV _____

NOTE! For general information about remote control operation, see the Guide enclosed with your remote control.

[2]***About buttons** Light grey buttons indicate that you have to press a text in the display. Dark grey buttons indicate that you have to press a hard button.

[3]***Coloured buttons** Press the wheel next to the colour to activate a coloured button.

Actual zone Indicates the actual zone on Beo5 as it was named during the setup process.

Soft buttons on Beo5 Depending on the activated source, different soft buttons appear on the screen. Touch the screen to activate the function.

Navigate in menus and select settings using your remote control. On page 46 you will find an overview of the menus in your television.

Display and menus

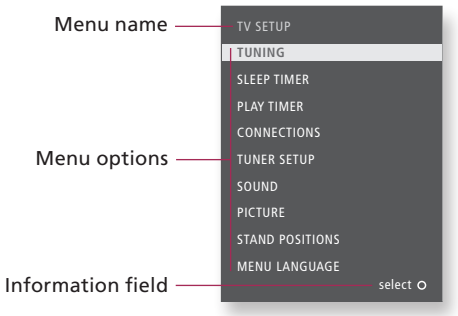
Information about the selected source is shown at the top of the screen. On-screen menus allow you to adjust settings.

TV *or* V MEM

Switch on TV / Switch on connected set-top box

MENU

Show menu



Example of on-screen menu.

Navigate in menus

When a menu is on the screen, you can move between menu options, reveal settings or enter data.

Select option/ setting

0 – 9

Enter data

GO

Bring up sub-menu/store setting

Select option

EXIT *or* STOP

Exit menus / Move backwards through menus

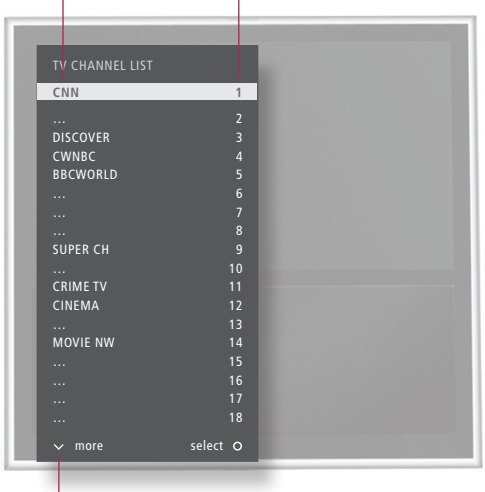
Important – for more information: www.bang-olufsen.com

Remote control The instructions in this Guide are mainly based on the Beo4 remote control, but you can also operate the TV with Beo5. On the fold-out page in this Guide, you will find an overview of the buttons on Beo4 and Beo5. For general information about remote control operation, see the Guide enclosed with your remote control.

Watch television

Choose a TV channel by its number or switch to another channel or source. Adjust the sound volume, change the sound type or language and turn the TV.

Beo4 operation



Activate the TV source to use these functions

Channel name

Channel number

Indicates more channels available

Switch on the TV

Select a TV channel

Bring up a channel list

Adjust the volume

Turn the TV

Switch off the TV

Useful hints

[1]***TV positions** **Position 1** is the far left position and **Position 9** is the far right.

Beo5 operation

TV

Press

	or			
▲▼		0–9	0	
Select		Select channel	Select previous channel	
GO		◀◀ ▶▶	or ▲▼	GO
Hold for channel list		Select page		Select channel Accept
◇		◇	◇	
Adjust volume		To mute, press in the middle of the button	Press either way to bring back the sound	
LIST		◀◀ ▶▶	or	1–9
Select **STAND**		Turn TV		Select position*[1]
●				
Press				

TV

Press

	or			
▲▼		+	0–9	Previous
Select		Activate numbers and select channel		Previous channel
GO		◀ ◇ ▶	or +	0–9 GO
Hold for channel list		Select page or channel and accept		
○		○		
Adjust volume. To mute, turn quickly counter-clockwise		Turn either way to bring back the sound		
⌒	Stand	◀ Turn ▶	or	Position 1…9
Press		Turn TV		Select position*[1]
●				
Press				

NOTE! To preset positions for the TV to turn to, see p. 44.

Teletext

Operate teletext through the menu bar at the top of the teletext page or the arrow buttons on your Beo4.

Activate teletext to use these functions
Current page
Enlarge teletext pages
PAGE MEMO HALT LARGE REVEAL SETUP
P100 BBC S100 Wed 13 Oct 12:39:34
Stop subpage turning
Reveal hidden text on 'REVEAL' and make settings on 'SETUP'

Beo4 operation

Start teletext
Access the start page of teletext.

Move to pages
Access teletext pages you wish to see.

Stop subpages from turning

Reveal hidden messages
… and the like.

Create MEMO pages
Nine MEMO pages are available for each channel's teletext service.*[1]

View a MEMO page
'MEMO' is only available if you have stored MEMO pages.

Delete a MEMO page

Exit teletext

Useful hints

Beo5 teletext point With the inner arrow buttons on Beo5 you can navigate in page references in a teletext page. Go to a page referred to by pressing the **centre** button and back again by pressing **BACK**.

MEMO pages For quick access, store a teletext page as a MEMO page.

Large teletext To enlarge the size of the teletext page, bring up teletext, move to 'LARGE' in the menu bar and press **GO** repeatedly to switch between the upper and lower half of the page and normal page size.

Beo5 operation

TEXT

Press

0–9 *or* ◀◀ ▶▶ ▲▼ GO

Select page | Move to 'PAGE' and select | Go to index pages (100, 200, 300 …)

STOP *or* ◀◀ ▶▶ GO ▲▼ *or* 0–9 GO

Stop turning | Move to 'HALT' | Press | Select subpage | Restart turning

◀◀ ▶▶ GO

Move to 'REVEAL' | Accept

0–9 ◀◀ ▶▶ GO GO ◀◀ ▶▶ GO

Select page | Move to 'SETUP' | Accept | Store current page | Move to 'BACK' | Accept

◀◀ ▶▶ ▲▼

Move to 'CHANNEL' or 'MEMO' | Select MEMO page

◀◀ ▶▶ GO ◀◀ ▶▶ [ ] [ ]

Move to 'SETUP' | Accept | Select MEMO page | Press | Delete

EXIT

Press

Text

Press repeatedly to change screen mode

0–9 *or* ◀ ▲▼ GO

Select page | Move to 'PAGE' and select | Index pages

STOP ▲▼ *or* 0–9 GO

Stop turning | Select subpage and restart turning

◀ ▶ GO

Move to 'REVEAL' | Accept

0–9 ◀ ▶ GO GO

Select page | Move to 'SETUP' | Accept then store

◀ ▶ ▲▼

Move to 'CHANNEL' or 'MEMO' | Select MEMO page

◀ ▶ GO ◀ ▶ [ ]

Move to 'SETUP' | Press | Select page | Press twice

BACK

Press

[1]***Teletext subtitles** If you would like available teletext subtitles to appear automatically for a particular channel, store the teletext subtitles' page as MEMO page 9.

Dual screen When teletext is activated, pressing **TEXT** swaps between dual screen and full screen mode.

NOTE! If your TV is linked via a Master Link cable to another TV, stored MEMO pages are not shared among these TVs. MEMO pages must be stored manually on each linked TV.

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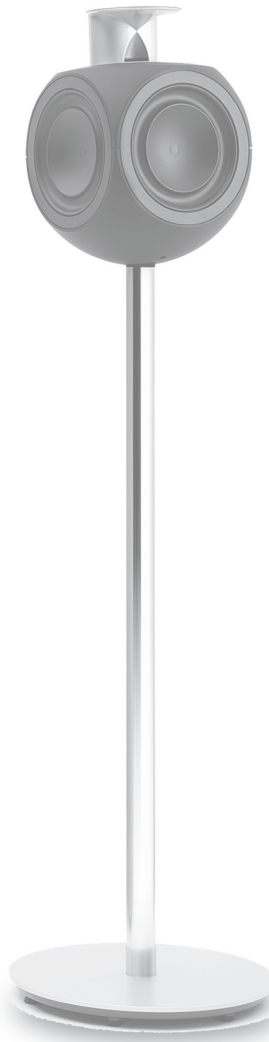
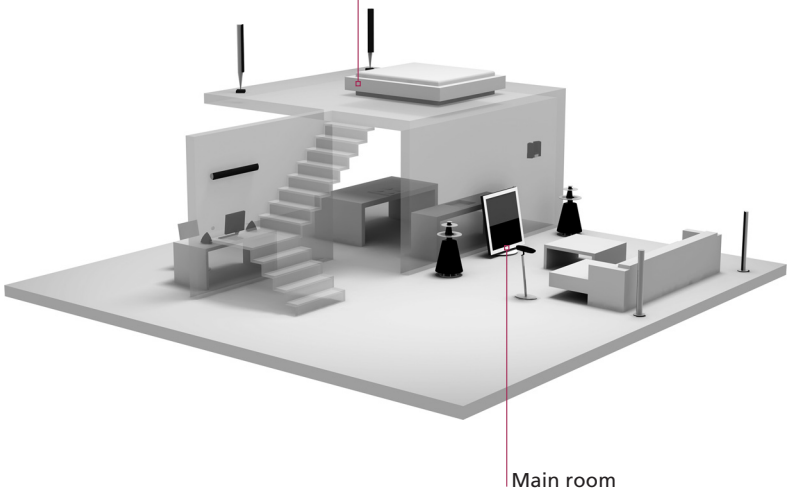
15 Your television in a link room

16 Two televisions in the same room



BeoLink system

If you have a BeoLink system, you can operate all connected sources from both the main room and link rooms.



Beo4 operation

TV sound on the audio speakers

Listen to sound from a TV source on your audio system speakers.

Audio sound on the TV speakers

Listen to audio sound on the speakers connected to the TV. Only relevant for option 1-1, see p. 13.

Use a source present in one room

Activate a main or link room source from a link room. The source type, for example an audio product, is only present in one of the rooms.

Use a link room source

Activate a link room source, for example, a TV in a link room when you also have, for example, a TV in the main room.

Use a main room source

Activate a main room source from a link room even if you have the same source, for example, a TV in the link room.

Useful hints

Options To use all functions properly, the products must be set to the correct options. See p. 16.
Main room source This is the central source from which you can distribute sound and pictures to link room sources.
Link room source This source is placed in the link room and through the source you can receive sound and pictures from connected main room sources.

Beo5 operation

LIST	TV		…	TV	
Select **AV***[1]	Select video source		Select audio speaker zone	Select video source	
LIST	CD		…	CD	
Select **AV***[1]	Select audio source		Select TV speaker zone	Select audio source	
RADIO			RADIO		
Select source	Operate source as usual		Select source	Operate source as usual	
TV			TV		
Select source	Operate source as usual		Select source	Operate source as usual	
LIST	TV		Link	TV	
Select **LINK***[1]	Select source	Operate source as usual	Press	Select source	Operate source as usual

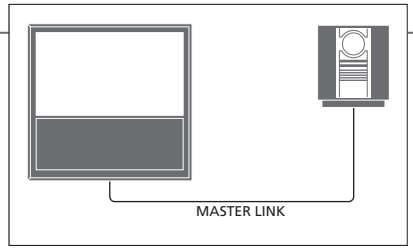
Changes in link room setup Audio system If you move your link room products to other rooms, remember to have your Beo5 remote control reconfigured by your Bang & Olufsen retailer. Only Bang & Olufsen audio systems with Master Link support integration with the TV.

[1]*NOTE! In order to display **AV** and **LINK** on Beo4, you must first add it to the Beo4 list of functions. See the Guide enclosed with your Beo4.

Connect and set up an audio system

To obtain the benefits of an integrated audio/video system, connect a compatible Bang & Olufsen audio system to the TV using a Master Link cable.

1. Connect the audio system



Connect the available sockets marked MASTER LINK on the TV and the audio system using a Master Link cable.

2. Set option for TV

If your TV has been set up in an audio/video system, set it to the correct option. First, switch the entire system to standby and then stand in front of the TV.

●	and	LIST	LIST GO	LIST	0–6
Hold		Press	Select **OPTION?** and accept	Select **V.OPT**	Select Option

●	and	GO	Option pgm	…
Hold		Press	Press	Select zone in which TV is placed

3. Set option for audio system

Set the audio system to the correct option. First, switch the entire system to standby and stand in front of the audio system.

●	and	LIST	LIST GO	LIST	0–6
Hold		Press	Select **OPTION?** and accept	Select **A.OPT**	Select Option

●	and	GO	Option pgm	…
Hold		Press	Press	Select zone in which audio system is placed

Useful hints

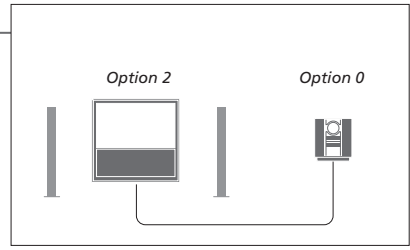
TV and audio speakers Play a CD on your audio system using speakers connected to the TV, or select a TV channel and send the sound to your audio system speakers.

Choice of options If you have a Beo4 remote control, options for the TV can be 1, 2, or 4 in a main room and 5 or 6 in a link room. Options for the audio system can be 0, 1, 2, 4, 5, 6. See also p. 16.

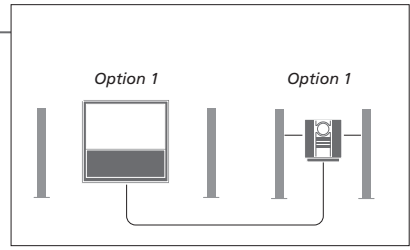
Your audio/video system can be placed together in one room or in two rooms with the TV in one and the audio system with a set of speakers in another.

Select options

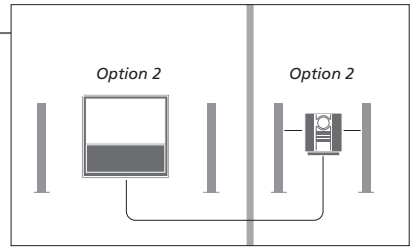
This page provides an overview of the options available when using the Beo4 remote control. To set the correct options with Beo5, select the zone in which your product is placed, see p. 17.



The TV and audio system are set up in one room with all speakers connected to the TV.
Set the TV to Option 2 and the audio system to Option 0.



The TV with or without additional speakers and an audio system with a connected set of speakers are set up in one room.
Set the TV to Option 1 and the audio system to Option 1.



The audio system is set up in one room and the TV with or without additional speakers in another.
Set the TV to Option 2 and the audio system to Option 2.

Options For information about Option 4, 5 and 6, see pp. 15–16.

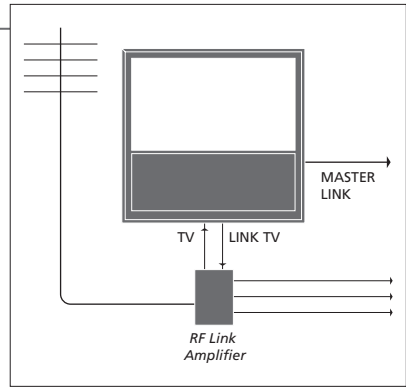
NOTE! Not all Bang & Olufsen audio systems support integration with the TV. For more information, contact your Bang & Olufsen retailer.

Connect and set up a BeoLink system

Connect and set up a BeoLink system to see pictures and hear sound in link rooms. You can, for example, connect the living room TV to another video system or to a set of speakers in another room.

Make link connections

To distribute video signals to link rooms, it is necessary to connect an RF Link Amplifier to the main room TV and a link room TV.*[1]



Connect the Master Link cable to the available socket marked MASTER LINK on the TV.
To distribute video signals to link rooms, connect an ordinary aerial cable to the socket marked LINK TV on the main connection panel. Then run the aerial cable to the RF Link Amplifier and the Master Link cable to the link room. Follow the instructions enclosed with the link room equipment.

Switch on the system modulator

If you have an audio setup, such as a BeoLink Active/Passive, and you set up a non-linkable TV in the same room, you must set the system modulator to 'ON'. The factory setting is 'AUTO', which must be used if you are using a linkable Bang & Olufsen TV.

Select 'TV SETUP' menu → Select 'LINK TUNING' in 'CONNECTIONS' menu → Select 'MODULATOR' → Reveal 'ON' → GO Accept

Change the link frequency

If, e.g., a TV channel in your area is broadcasted on the same frequency as the factory setting for the BeoLink system; 599 MHz, you must tune the system modulator to an unoccupied frequency.*[2]

Select 'TV SETUP' menu → Select 'LINK TUNING' in 'CONNECTIONS' menu → Select 'FREQUENCY' → Find unused frequency → GO Accept

Useful hints

[1]***Connected equipment** If an audio system is already connected to the MASTER LINK socket and you wish to connect more equipment, the Master Link cable must be split in two and joined with the cable from the link room using a special junction box. Contact your Bang & Olufsen retailer for assistance.

[2]***Link frequency** When you change the link frequency in the main room TV, make sure that the link frequency in the link room corresponds to it.

NOTE! HDMI signals cannot be distributed from a main room TV to the link room system.

If you have a BeoLink system, operate all connected systems through the TV in a link room.

Connect link room TV

Follow the procedure described here when you connect your TV for use in a link room.

1 Connect the link room TV to the mains supply.
2 Use your remote control to program the link room TV to the correct option.
3 Disconnect the link room TV from the mains.
4 Make the necessary connections.
5 Reconnect the link room TV to the mains supply.

Set option for a link room TV

For your entire system to function properly, it is essential that the TV in the link room is set to the correct option before you connect it to the system in the main room. Stand in front of the link room TV.

● and LIST	LIST GO	LIST	6
Hold ● and press LIST	Select **OPTION?** and accept	Select **V.OPT**	Select Option 6*[1]

● and GO	Option pgm	…
Hold ● and press GO	Press Option pgm	Select zone in which TV is placed

[1]*NOTE! If you have a Beo4 and you connect the TV for use in a link room where other link systems are already connected, such as speakers, you must set the TV to Option 5 instead.

Two televisions in the same room

If you have two TVs in the same room and one remote control for both TVs, it is essential that the TVs are set to the correct options for them to function properly.

Select the correct option

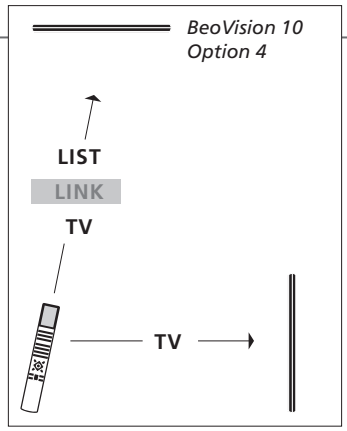
If you place a second TV in a main room where you already have a Bang & Olufsen TV and commands from your remote control can be received by both TVs, you must change the option of the secondary TV to prevent simultaneous activation of both TVs. Stand in front of the secondary TV.

● and LIST	LIST GO	LIST 4
Hold ● and press LIST	Select **OPTION?** and accept	Select **V.OPT** Select Option 4

● and GO	Option pgm	…
Hold ● and press GO	Press Option pgm	Select zone in which TV is placed*[1]

Beo4 – operate TV in option 4

Activate a source simply by pressing the relevant source button. However, if your TV is set to Option 4 and you are using a Beo4, follow the instructions to activate a source. If you wish to dedicate a remote control to your secondary TV, contact your Bang & Olufsen retailer.



LIST	TV
Select **LINK**	Select source

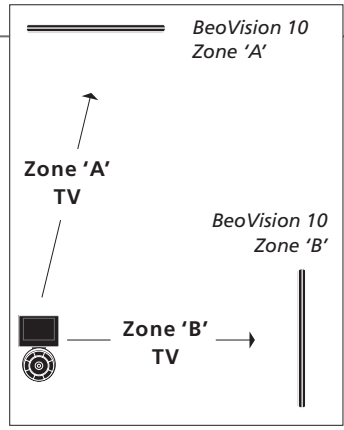
Useful hints

Teletext with Option 4 In order to use teletext on a TV set to Option 4, you must set up Beo4 to **VIDEO 3**. This limits the Beo4 functions that can be used with TVs set to other options. For more information, see the Guide enclosed with your Beo4.

[1]*NOTE! For information about choice of zone, contact your Bang & Olufsen retailer.

Beo5 – operate the TVs

Normally, if you have a Beo5, you can activate a source simply by pressing the relevant source button. But if you have two TVs in the same room, you must remember first to select the zone of the TV you wish to use.



…
Select zone for the TV you wish to use

TV
Select source

LINK on Beo4 In order to display **LINK** on Beo4, you must first add it to the Beo4 list of functions. See the Guide enclosed with your Beo4 for more information.

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21 Sound type

22 Sleep Timer and Play Timer

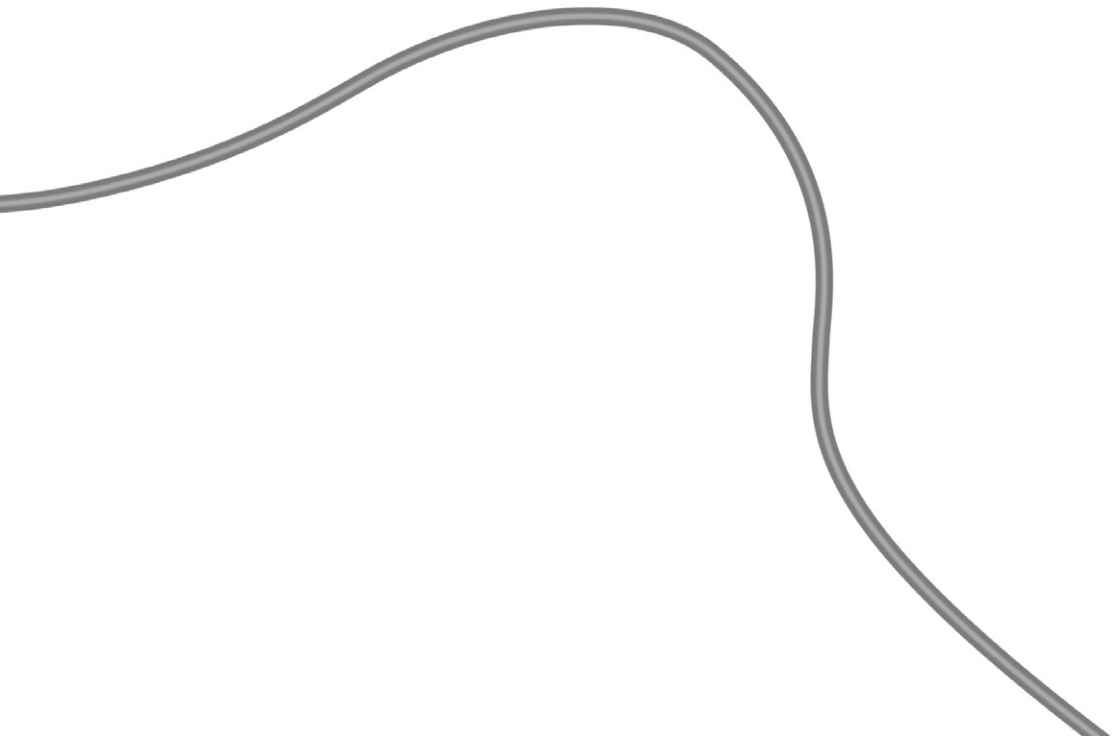
23 Edit and add TV channels

24 Adjust picture and sound settings

25 Picture format

26 Tuner setup

28 Operate other equipment with Beo4 or Beo5



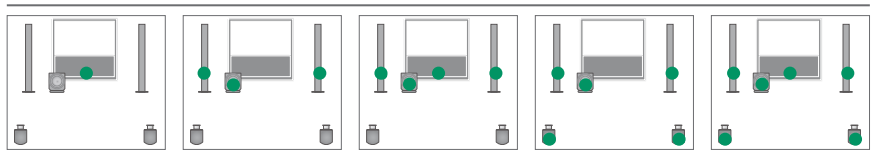
Surround sound

You can select a speaker combination that suits the source you are using.

Select speakers for movie sound

The TV automatically selects the optimal sound when you select a source, but you can adjust this setting yourself, using any of the available speaker combinations.

Bring up **SPEAKER** on your Beo4 display*[1] → 1–5 Select speaker combination*[2]



Mode 1 | Mode 2 | Mode 3 | Mode 4 | Mode 5

Useful hints

[1]***LIST menu** In order to display **SPEAKER** on Beo4, you must first add it to the Beo4 list of functions.

[2]***Optimise** The speaker combination is optimised if you press **GO** on Beo4. On Beo5 press **Optimise**.

NOTE! If you have added only two front speakers to the TV, you will only be able to choose **Mode 1–3**. You can also add a BeoLab subwoofer to your TV.

Sound type

While you watch TV, switch between available sound types.

Change sound type or language	LIST GO	GO
Switch between available sound types and languages.	Select **SOUND** and accept	Press repeatedly to select

Sound type or language Store your favourite sound type when tuning in TV channels. See p. 23.

Sleep Timer and Play Timer

You can set a Sleep Timer which will switch off your TV after a specific period of time. You can also make your TV switch on and off automatically by setting a Play Timer in your main room system.

Activate a Sleep Timer

Program the TV to switch to standby after a specific period of time.

→ Press **LIST** repeatedly to bring up **SLEEP** on your Beo4 display*[1] → Press **GO** repeatedly to make your selection

Deactivate a Sleep Timer

If you change your mind you can always deactivate the Sleep Timer.

→ Press **LIST** repeatedly to bring up **SLEEP** on your Beo4 display → Press **GO** repeatedly until **OFF** is displayed

Switch on the Play Timer

To include the TV in the Play Timer, set the Timer to 'ON'.*[2]

→ Press **MENU** to bring up 'TV SETUP' menu → Select 'PLAY TIMER' menu → Select 'TIMER ON/ OFF' menu → Select 'ON' and accept

Useful hints

[1]***LIST menu** In order to display **SLEEP** on Beo4, you must first add it to the Beo4 list of functions.

Safety For safety reasons, the stand will not turn if the TV is switched on by a Play Timer.

[2]*NOTE! To set a Play Timer you must have another Bang & Olufsen product with a clock function connected to the TV.

Rearrange the order in which the channels appear and provide them with a name of your own choice. You can also delete a channel or add new channels, if available. Preset up to 99 TV channels on channel numbers of their own.

Move a channel
You can move TV channels to the desired channel numbers.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'EDIT CHANNELS' in 'TUNING' menu → Select channel → Follow on-screen instructions

Name a channel
Name the TV channels for easy recognition.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'EDIT CHANNELS' in 'TUNING' menu → Select channel → Press → Enter and accept settings

Delete a channel
Delete channels you do not want.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'EDIT CHANNELS' in 'TUNING' menu → Select channel → Move › → Press twice to delete

Adjust tuned channels
Fine tune channel reception, indicate the presence of coded channels and choose sound types, etc.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'MANUAL TUNING' in 'TUNING' menu → Select item → Follow on-screen instructions

Re-tune via automatic tuning
Re-tune all TV channels automatically. Note that all channel settings you have made will disappear.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'TUNING' menu → Select 'AUTO TUNING' menu → Start auto tuning

Add new channels
Add channels which, e.g., have been moved by the broadcaster. Tune in channels via the 'ADD CHANNELS' menu, to leave previously tuned channels unchanged and keep channel names, order, and settings stored for those channels.
→ Press **MENU** to bring up 'TV SETUP' menu → Select 'TUNING' menu → Select 'ADD CHANNELS' menu → Start adding channels

'MANUAL TUNING' The 'MANUAL TUNING' menu gives you access to the menu items 'FREQUENCY', 'CHANNEL NO', 'NAME', 'FINE TUNE', 'DECODER', 'TV SYSTEM' and 'SOUND'.

'TV SYSTEM' If the item 'TV SYSTEM' appears, make sure that the correct broadcast system is displayed before you begin tuning; 'B/G' (PAL/SECAM BG), 'I' (PAL I), 'L' (PAL/SECAM L), and 'D/K' (PAL/SECAM D/K). For more information, contact your retailer.

NOTE! If channels are broadcasted with two languages and you want both languages, you can store the channel twice, once with each language.

Adjust picture and sound settings

Picture and sound settings are preset from the factory to neutral values which suit most viewing and listening situations. However, if you wish, you can adjust these settings to your liking.

Adjust picture

Adjust brightness, colour and contrast. For information on picture format, see p. 25. Adjustments made to the 'TINT' setting only apply to the current channel.

→ Press **MENU** to bring up 'TV SETUP' menu → Select 'PICTURE' menu → Enter and accept settings

Mute the picture

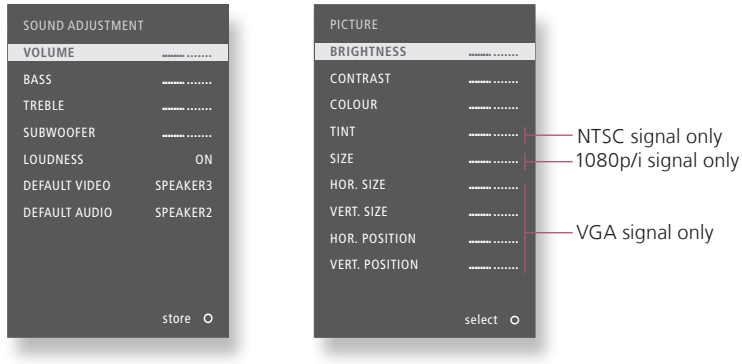
Remove the picture from the screen temporarily.

→ Press **LIST** repeatedly to display **P.MUTE** on Beo4 and accept

Adjust sound

Preset volume, bass, treble or loudness, a connected BeoLab subwoofer and two default loudspeaker combinations. The contents of the 'SOUND' menu vary according to what you have connected to the TV. See also p. 20 about speaker combinations.

→ Press **MENU** to bring up 'TV SETUP' menu → Select 'SOUND' menu → Select 'SOUND ADJUSTMENT' menu → Enter and accept settings



Useful hints

Temporary settings To only store picture and sound settings until you switch off the TV, press **EXIT** instead of **GO** when you accept the settings.

'DEFAULT VIDEO' The speaker combination chosen in the 'DEFAULT VIDEO' submenu is activated automatically when you switch on a video source via the TV.

'DEFAULT AUDIO' The speaker combination chosen in the 'DEFAULT AUDIO' submenu is activated automatically when you switch on an audio source via the TV.

Picture format

You can select a picture format to customise the viewing experience.

Select picture format

The TV automatically adapts the picture to fill out as much of the screen as possible, when you select a source, but you can select a format yourself.

→ Bring up FORMAT on your Beo4 display*[1]

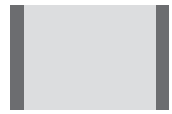
→ 1–4 Select format*[2]

→ Adjust picture up or down with arrow buttons if possible

Standard*[3]
For panoramic view or 4:3

Zoom
The picture is adjusted vertically

Wide
For a genuine 16:9 widescreen picture



Extended
The bars can be removed and the picture is shown in a 16:9 format.

[1] ***LIST menu** In order to display **FORMAT** on Beo4, you must first add it to the Beo4 list of functions.
[2] ***Optimise** The picture format is optimised if you press **GO** on Beo4. On Beo5 press **Optimise**.
[3] ***Variation** Use ◀◀ or ▶▶ to select other options than the standard option. On Beo5 press **Variation**.

Tuner setup

Disable the TV or DVB tuner if your TV or DVB source is a peripheral unit, such as a set-top box.

Disable the internal tuner

If you disable the TV tuner, you can activate the DVB tuner with the **TV** button. If you disable the DVB tuner, you can activate a connected peripheral unit with the **DTV** button.

Press **MENU** to bring up 'TV SETUP' menu → Select 'TUNER SETUP' menu → Disable/enable 'TV TUNER' → Disable/enable 'DVB HD' and accept

Disable TV/DVB tuner If you disable both the TV tuner and the DVB tuner, you can activate a peripheral unit acting as tuner with either the **TV** button or the **DTV** button.

'TUNING' menu The 'TUNING' menu is only available if the TV tuner is enabled. See p. 46.

NOTE! If you have connected a Bang & Olufsen hard disc recorder to your TV, it is recommended not to disable the TV tuner.

Operate other equipment with Beo4 or Beo5

The built-in Peripheral Unit Controller acts as an interpreter between connected video equipment, such as a set-top box, recorder or DVD player, and your Bang & Olufsen remote control.

Show menu overlay*[1]

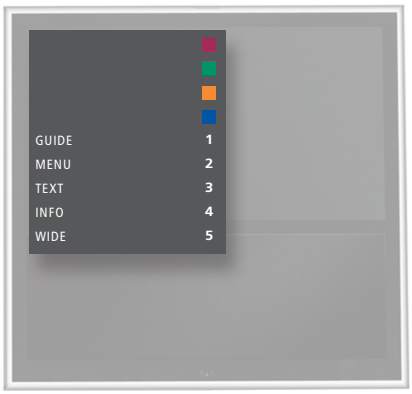
Using the Beo4 you get quick access to selected function via the menu overlay.

→ Select connected equipment → MENU *or* [colour] Bring up menu overlay → Select function

Direct Beo4 operation

Activate a function without the menu overlay. The connected equipment must be switched on. Contact your Bang & Olufsen retailer for a list of functions.

→ Press coloured button to activate function *or* Press **GO** and a number to activate function



The Beo4 menu overlay.

Useful hints

[1]***Menu overlay** You cannot bring up the overlay in link rooms. Instead, press a desired coloured button or **GO** followed by a number.

NOTE! Which source button activates your peripheral unit depends on the tuner setup and settings in the 'CONNECTIONS' menu. See pp. 26 and 35.

Use the Bang & Olufsen remote control to gain access to the functions offered by your non-Bang & Olufsen equipment.

Beo5 operation

The main functions of your equipment can be operated via the Beo5 display. Not all functions may be supported.

→ Select source → Select function

Use equipment menus

Operate a connected equipment's own menu via the remote control. On Beo4 you may have to press **EXIT** instead of **STOP** to return to a previous menu.

→ Bring up equipment menu

Navigate in menus | Select function | Step in pages/ channel lists | Enter information

Switch on or off On some connected equipment you have to press **GO** then **0** to switch the equipment on and off if you have a Beo4.

TV menu On Beo4 press **MENU** twice to bring up the TV's main menu, when e.g. DVD is selected as source.

NOTE! See also the guide enclosed with the connected equipment. For further information about supported equipment, contact your Bang & Olufsen retailer.

CD TRACK 2/12

Contents – Installation

32 Set up your television

34 Expand your setup

36 Set up additional equipment

38 Connection panels

40 First-time setup of your television

42 Loudspeaker setup

44 Additional settings

46 On-screen menus

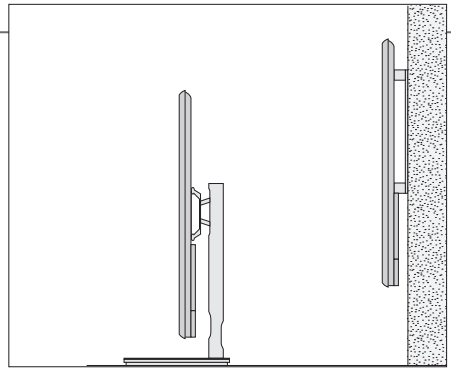
46 Cleaning

Set up your television

Follow the guidelines for placement and connection described on this and the following pages.

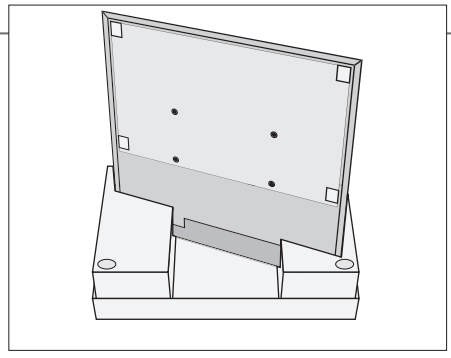
Placement options

The TV can be placed on a motorised stand or mounted on a wall bracket.



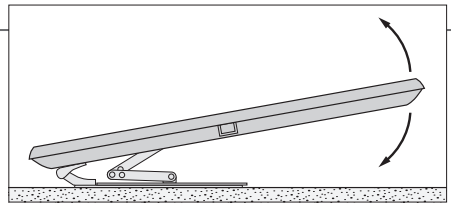
Handling

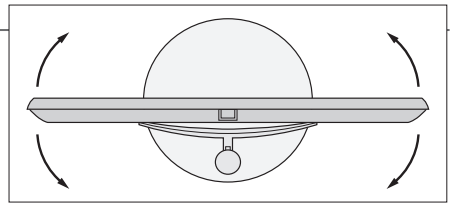
We recommend that you place the TV in the packaging while you fasten the hinges for the wall bracket or the bracket for the stand.



Wall bracket and motorised stand

Set the maximum angle the TV will turn on the stand. See p. 41. The wall bracket can manually be turned 45˚ left or right depending on your setup. Remember to leave enough space around the TV to allow it to turn and tilt freely.





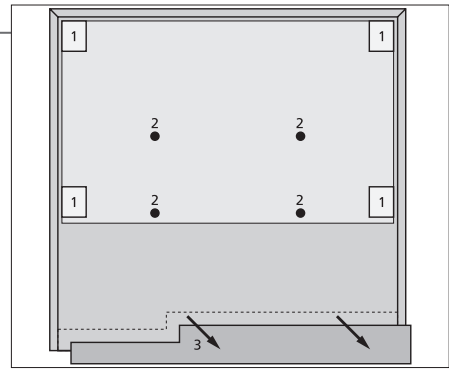
Important

Ventilation To ensure proper ventilation, allow enough space around the screen. Do not cover the fans. At overheating (flashing standby indicator and an on-screen warning), switch the TV to standby, not off, in order for the TV to cool down. You cannot operate the TV during this time.

Overview

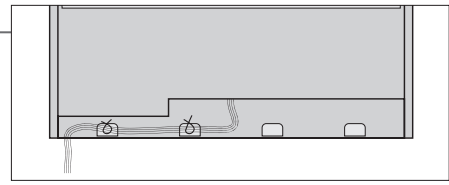
Locate the connection panel and other important items:

1 Mounting bracket for wall bracket.
2 Mounting bracket for stand.
3 Cover for the connection panel. Here you also find the mains supply connection. Pull out at the bottom to remove the cover.



Run cables

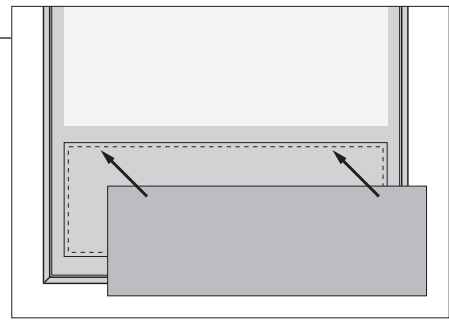
You can fasten the cables to either side or in the middle, depending on wall bracket or stand placement.



If you have a motorised stand make sure that there is enough slack in the cables to allow the TV to turn to either side before you fasten the cables with cable strips to make a neat bundle.

Fasten the front cloth cover

When the TV is placed on a wall bracket or stand you can attach the front cloth cover.



During cleaning it is recommended to remove the front cloth cover. Avoid spraying liquid directly on the screen as this may damage the speakers, use a soft cloth instead. See p. 46.

Expand your setup

Your TV supports a wide range of additional equipment.

Disconnect from the mains

While expanding your setup, the TV must be disconnected from the mains.

→ Switch off TV → Disconnect TV from mains

Connect additional equipment

To operate non-Bang & Olufsen products with Beo4, attach a Bang & Olufsen IR-transmitter to each product. See also p. 37.

→ Select corresponding socket marked PUC → Make the connections

Switch on the TV

Always attach covers before you connect the TV to the mains.

→ Attach all connection covers → Connect TV to mains supply → Switch on TV

Information

'STANDBY OPTIONS' Set the set-top box to switch off when you switch source or when you switch off the TV. You can also choose that the set-top box should always be switched on or that it should be switched on and off manually by means of the remote control.

Register additional equipment

If not detected automatically by the TV, register the equipment you have connected to the TV. Repeat the procedure for each socket group.

Bring up 'TV SETUP' menu → Select 'CONNECTIONS' menu → Select sockets in a socket group and register → Select 'STANDBY OPTIONS' menu → Follow on-screen instructions

Contents of the 'CONNECTIONS' menu

AV1–AV4	Register connected equipment
HDMI EXPANDER	Enable or disable an HDMI Expander connected to the HDMI B socket
LINK TUNING	Set a link frequency and enable the system modulator, see p. 14.

Source options in the 'AV1–AV4' menus

NONE	Nothing connected
V.MEM	Connected video recorder
DVD	Connected DVD player or recorder
DVD2	Connected DVD player or recorder
DTV2 (V.AUX)	Equipment, such as a set-top box
DTV	Equipment, such as a set-top box*[1]
V.AUX2	Equipment, such as a video game console
TV	Equipment, such as a set-top box*[1]
PC	Connected PC or BeoMaster (only AV3)

The above are only examples of registrations; you can register available equipment to any source option. You may also have to register additional equipment in the Master Link system.

'VGA' Equipment connected via VGA socket (AV3).
' Y – Pb – Pr' Equipment connected via Y – Pb – Pr socket (AV2 or AV3).
'HDMI' Equipment connected via an HDMI socket. If you have set the 'HDMI EXPANDER' in the 'CONNECTIONS' menu to 'YES', the 'B' option in the 'AV' menus is replaced with 'B1', 'B2', 'B3', and 'B4'.

[1]*Only available if DVB tuner and TV tuner have been disabled. See p. 26.

Set up additional equipment

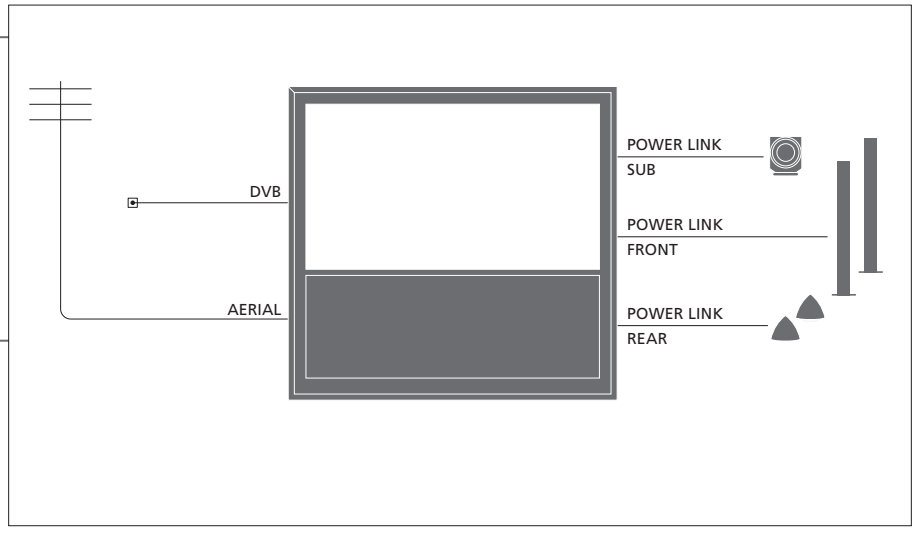
Set up the TV with video sources and loudspeakers.

Aerial signals

Connect your aerial signals, such as a cable or antenna to the sockets shown on the diagram.

Loudspeakers

Use Bang & Olufsen Power Link speakers. Use the cables enclosed with the speakers. Cables are available from your Bang & Olufsen retailer.



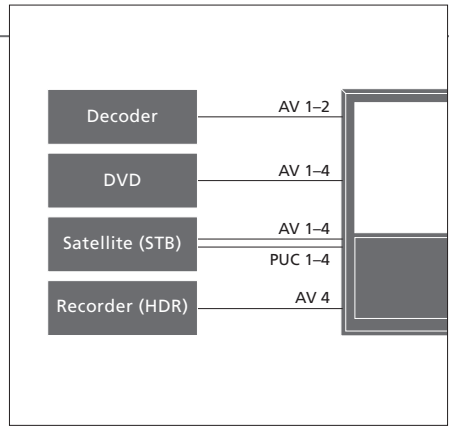
Useful hints

Equipment with HDMI output

Equipment with HDMI output such as a set-top box can be connected to any available HDMI socket in the TV, regardless of the particular AV socket group to which you have connected the equipment. To distribute the source to another room you must also connect the equipment to a 21-pin socket or AV3 video input socket on the connection panel. For more information, how to set up connected equipment for use, see p. 35.

Additional video equipment

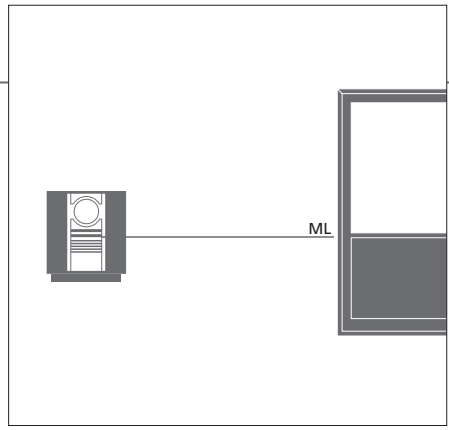
Connect many different types of video equipment at the same time. Here you can also see examples of source names you can select for the equipment in the 'CONNECTIONS' menu.



IR-transmitters: To operate non-Bang & Olufsen products with a Bang & Olufsen remote control, attach a Bang & Olufsen IR-transmitter to each of the products. Connect each transmitter to the corresponding socket marked PUC on the main connection panel.

Audio system

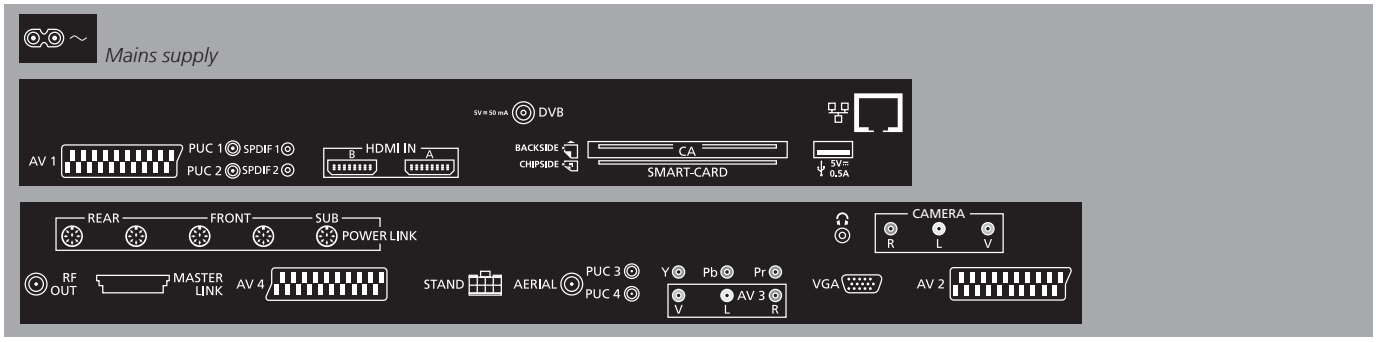
Connect a Bang & Olufsen audio system with a Master Link socket to your TV. Connect it to the Master Link socket on the main connection panel. See also pp. 12–13.



Mains cord and plug The supplied mains cord and plug are specially designed for the TV. If you change the plug or in any way damage the mains cord, it can affect the TV performance. Connect the ~ socket on the main connection panel of your TV to the wall outlet. The IR-receiver lights up in red and the TV is in standby mode and ready to be used.

Connection panels

Any equipment you connect to the main connection panel must be registered in the ‘CONNECTIONS’ menu. See p. 35.



~ – Mains supply
Connection to the mains supply.

USB
For service use only.

Ethernet*[1]
For service use only.

Connect stereo headphones.

AV (1–2 and 4)
21-pin sockets for connection of additional video equipment, such as a DVD player, set-top box, a decoder or video recorder.

AV3 (video, L, R)
For audio connection (right and left sound channel respectively) and video signals from an external source.

Useful hints

SMART CARD Insert the Smart Card in the CA module with the chip facing the front of the module. Insert the CA module with the front facing away from the screen. If the Conax Smart Card is used alone, the chip must face the screen.

[1]*Only connect to a local area network (LAN) that does not exit your flat, house or building.

Y – Pb – Pr (AV2–3)
For video signals from an external source, e.g. HDTV source. You can use the socket in conjunction with an AV socket or a digital audio socket.

SPDIF (1–2)
Digital audio input socket, e.g. DVD player.

PUC (1–4)
For IR control signals to external equipment connected to an AV socket.

HDMI IN (A–B)
For High Definition Multimedia Interface video source or PC. The sources can be registered to any of the AV socket groups. Connect an HDMI Expander to the HDMI B socket.

VGA (AV3)
For connection of a PC to receive analogue graphics.

RF OUT
Aerial output socket for distribution of video signals to other rooms. Also requires an RF Link Amplifier.

DVB
Aerial input socket for a digital TV signal.

MASTER LINK
For a compatible Bang & Olufsen audio or video system.

POWER LINK (SUB)
Use for connection of a Bang & Olufsen subwoofer.

POWER LINK (FRONT – REAR)
Use for connection of external loudspeakers in a surround sound setup. See also pp. 42–43.

PCMCIA/SMARTCARD
For a card/module for access to digital satellite channels.

STAND
For connection of a motorised stand.

AERIAL
Aerial input socket for an analogue TV signal, such as an external aerial or cable TV network.

CAMERA (R, L, video)
For audio connection (right and left sound channel respectively) and video signals from an external source.

Headphones To mute speakers press the middle of the volume button. Press the volume up or down to adjust volume in headphones. To restore sound in speakers, press the middle of the volume button.

NOTE! Prolonged listening at high volume levels can cause hearing damage!

First-time setup of your television

This first-time setup procedure is activated when the TV is connected to the mains and switched on for the first time. If you want to change your setup at a later date, you can access the same menus and update your settings.

Switch on the TV

TV

It takes the TV approx. 20 seconds to start up and become ready for use.

Switch on

Select settings

Select setting

GO

Accept and go to next menu item

You are led through the following settings only when you switch on the TV for the first time.*[1]

MENU LANGUAGE	Set the on-screen menu language
STAND ADJUSTMENT	Calibrate the stand, see page 41
STAND POSITIONS	Set stand positions, see pp. 41 and 44
TUNER SETUP	Disable or enable internal TV tuner or DVB
CONNECTIONS	Register connected equipment, see p. 35
AUTO TUNING	Tune in TV channels automatically, see also p. 34. Available only if the TV tuner is enabled, see p. 26

Information

TV tuner The 'TUNING' menu is only available if the TV tuner is enabled, see pp. 26 and 46.

Connections Select the type of equipment connected to each socket, the sockets used, the product name, and the source name.

Auto tuning A menu for channel tuning automatically appears on the screen.

[1]*NOTE! When you have selected the preferred settings in a menu, you may have to press the green button to continue to the next menu in the first-time setup procedure. Follow on-screen instructions.

Calibrate the speakers

Set up the speakers to optimise sound from your listening position.

SPEAKER TYPES
SPEAKER DISTANCE
SPEAKER LEVEL

First-time setup of loudspeakers applies only to speakers for TV viewing. See also *'Loudspeaker setup'* on pp. 42–43 and *'Surround sound'* on p. 20.

SOUND ADJUSTMENT

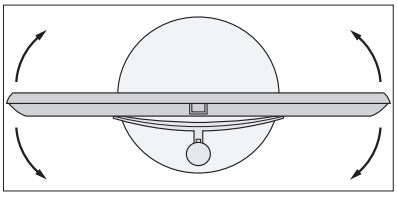
Adjust volume, bass, treble and loudness and preset two default speaker combinations. Select a different speaker combination at any time. See pp. 20 and 24.

Calibrate the stand

Set the maximum angle the TV will turn – left and right. The motorised movement of the TV will not work until the calibration process has been completed. You can only tilt the TV manually.

STAND ADJUSTMENT

◀◀	▶▶	GO
At 'SET LEFTMOST POSITION' turn left to the point you wish to restrict the movement to	At 'SET RIGHTMOST POSITION' turn right to the point you wish to restrict the movement to	Accept



STAND POSITIONS

Set preferred preset position for the TV to turn to, when it is switched on and off. See p. 44.

NOTE! You need to calibrate the stand before you can use the motorised movement of the stand.

Loudspeaker setup

Add Power Link speakers and a BeoLab subwoofer to your TV and you have a surround sound system.

Select speaker setup

Switch on the TV in TV mode before you adjust speaker settings.

→ Switch on TV and bring up 'TV SETUP' menu → Select 'SOUND' → Select menu

Set speaker type

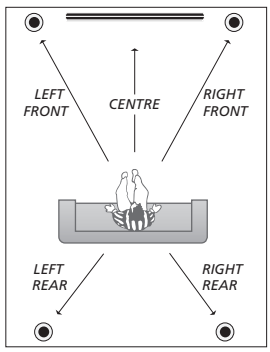
Register the type of each speaker in the menu.

→ Select 'SPEAKER TYPES' menu → Select speaker and reveal speaker type → GO Accept

Set speaker distance

Enter the straight-line distances in metres between your favourite viewing position and the individual speakers.

→ Select 'SPEAKER DISTANCE' menu → Select speaker and select distance → GO Accept



Set speaker distance.

Information

Sound during setup During the setup process, a sound is sometimes produced by a speaker. Check if the highlighted speaker matches the name of the speaker making the sound.

Calibrate the sound level

A calibration sound is produced alternately in each speaker. Adjust the speakers to match the centre speaker's sound level. This will ensure an optimal surround sound.

→ Select 'SPEAKER LEVEL' menu → Select 'AUTOMATIC' or 'MANUAL' in 'SEQUENCE' → If 'MANUAL' is selected, select speaker and adjust level → GO Accept

See active sound system

See the name of the active sound system for a source or programme on the screen.

→ Bring up 'TV SETUP' menu → Select 'SOUND' → Select 'SOUND SYSTEM' menu

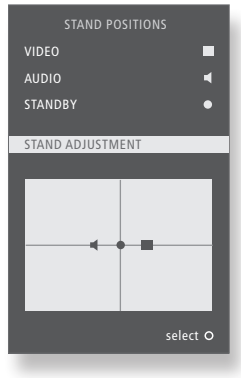
NOTE! Once you have performed the speaker calibration, you will only need to re-calibrate the speaker sound if you make changes to the setup.

You have the possibility to set positions for the TV to turn to.

Positions of the TV

Program a position for when you watch TV, listen to music, and when the TV is switched off. See p. 40 about first-time installation of the stand.

Bring up 'TV SETUP' menu and select 'STAND POSITIONS' menu → Select 'VIDEO', 'AUDIO', 'STANDBY' or 'STAND ADJUSTMENT' → Turn TV as desired → GO Accept*[1]



Useful hints

[1]***First-time setup** During first-time setup, when you have set the TV positions, press the green button to continue first-time setup.

General settings: Select **TV** and **MENU**.

1. ↕ GO	2. ↕ GO		3. Select settings GO
TUNING	EDIT CHANNELS	p. 23	
	ADD CHANNELS	p. 23	
	AUTO TUNING	p. 23	
	MANUAL TUNING		FREQUENCY
			CHANNEL NO
			NAME
			FINE TUNE
			DECODER
			TV SYSTEM
			SOUND
SLEEP TIMER		p. 22	
PLAY TIMER	TIMER	p. 22	
CONNECTIONS	AV1–AV4	p. 35	
	HDMI EXPANDER	p. 35	
	LINK TUNING	pp. 14 and 35	FREQUENCY
			TV SYSTEM
			MODULATOR
TUNER SETUP	TV TUNER	p. 26	
	DVB HD	p. 26	
SOUND	SOUND ADJUSTMENT	p. 24	
	SPEAKER TYPES	p. 42	
	SPEAKER DISTANCE	p. 42	
	SPEAKER LEVEL	p. 43	
	SOUND SYSTEM	p. 43	
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MENU LANGUAGE			

Cleaning

Maintenance Regular maintenance, such as cleaning, is the responsibility of the user.

Screen Use a mild window cleaning fluid and lightly clean the screen without leaving streaks or traces. Some micro-fibre cloths may harm the optical coating due to their strong abrasive effect.

Cabinet and controls Wipe dust off the surfaces using a dry, soft cloth. To remove stains or dirt, use a soft, damp cloth and a solution of water and mild detergent, such as washing-up liquid.

Never alcohol Never use alcohol or other solvents to clean any parts of the TV.

NOTE! If the front screen glass should crack or chip, or if it should be damaged in any way, it must be replaced immediately, as it could otherwise cause injury. You can order replacement front screen glass from your Bang & Olufsen retailer.

Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household wastage; all electrical and electronic equipment, parts and batteries must be collected and disposed of separately.
When disposing of electrical and electronic equipment and batteries by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources.
Collecting electrical and electronic equipment, batteries and waste prevents the potential contamination of nature with the hazardous substances which may be present in electrical and electronic products and equipment.
Your Bang & Olufsen retailer will advise you of the correct way of disposal in your country.

If a product is too small to be marked with the symbol, it will appear in the User Guide, on the Guarantee certificate, or on the packaging.

All Bang & Olufsen products comply with applicable environmental legislation throughout the world.

This product is in conformity with the provisions of the Directives 2004/108/EC and 2006/95/EC.

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